airstream A100

Audio Amplifier

User Manual

Contents

Contents 1
Thank You for your Purchase. 1
Introduction 2
A100 Capabilities 2
What's in the box? 2
AirPlay Compatibility 2
USB Compatibility 2
The A100 3
Remote 3
Getting Ready to Free Your Music 4
Connecting the Speakers 4
Connecting the Power 4
AirPlay Direct 5
Freeing Your Music 6
Connecting to a WiFi Network. 6
What is required? 6
Option 1. 6
Option 2. 7
Via iOS-Device 7
Via Laptop/ PC 9
FREE YOUR MUSIC 11
Use Airplay from your iOS-device 11
Using AirPlay from iTunes 11
Play Another Device Using the Analogue Inputs 12
Play Another Device Using the Digital Inputs 13
Play Another Device Via DLNA 13
Charging via the USB 14
Firmware Update. 14
Automatic Notification of Firmware Update 14
USB Firmware Update 15
Web Browser Firmware Update 15
Checking Firmware Version 17
Ready Mode 17
What is Ready Mode? 17
How to Enter Ready Mode 17
Factory Reset 18
Changing the Remote Battery 18
LED Colour Matrix 19
LED Flashing Patterns 19
Specs 20
Trouble Shooting 21
Unable to Connect to the Wireless Network 21
No Sound 21
The A100 is Nonresponsive 21
Occasional Breaking up of AirPlay Music Playback 21
No AirPlay Icon on my iTunes Host Device 21
AirPlay Connection Failed with Mac or PC 21
Owner Information 21

Thank You for your Purchase.

Congratulations on purchasing Monitor Audio's Airstream A100. Welcome to the new way to "Free Your Music" anywhere in your home wirelessly from an AirPlay compatible device or iTunes on your PC or Mac.

Register your product now!!!! For extra piece of mind, news and the opportunity to win products from Monitor Audio, don't forget to register your A100 at www.airstream-ma.com/register

The Airstream A100 is the latest high quality product from Monitor Audio that will provide many years of musical enjoyment.

FOR FURTHER INFORMATION ON MONITOR AUDIO PLEASE GO TO WWW.MONITORAUDIO.COM

Introduction

With the introduction of iOS 4.3 from Apple came AirPlay. Monitor Audio have used 40 years of knowledge to produce a TRUE hifi, AirPlay enabled amplifier system. Whether using AirPlay Direct, streaming via a wireless router or playing your music collection from PC or MAC, the A100 is the way to "Free Your Music".

A100 Capabilities

- Stream audio from an iOS-device using AirPlay direct without the need of a wireless router.
- Stream audio from an iOS-device via WiFi to the A100 connected to the same network.
- Choose which AirPlay device you want to stream to from your iOS-device when there are multiple Airstream devices on your network.
- Stream audio from your iOS-device to multiple Airstream devices using our Airstream App. Available in the App Store from 2013.
- Stream audio by WiFi from any PC or Mac using iTunes (version 10 or later) connected to the same wireless network as the A100.
- Stream audio from any PC or Mac to multiple Airstream devices using iTunes, again by WiFi and with the A100 on the same wireless network.

What's in the box?

- A100
- Remote Control
- Mains lead (region specific).
- Quick Start Guide
- Safety Instructions

AirPlay Compatibility

To stream wirelessly to the A100 using AirPlay (not AirPlay Direct), you will need the following:

- A WiFi certified router (Wireless 802.11 b/g class only)
- A host for your music (iPhone/ iPad/ iPod Touch running iOS 4.3 or later, or a PC/ Mac with iTunes 10 or later)

Compatible AirPlay devices are listed below:

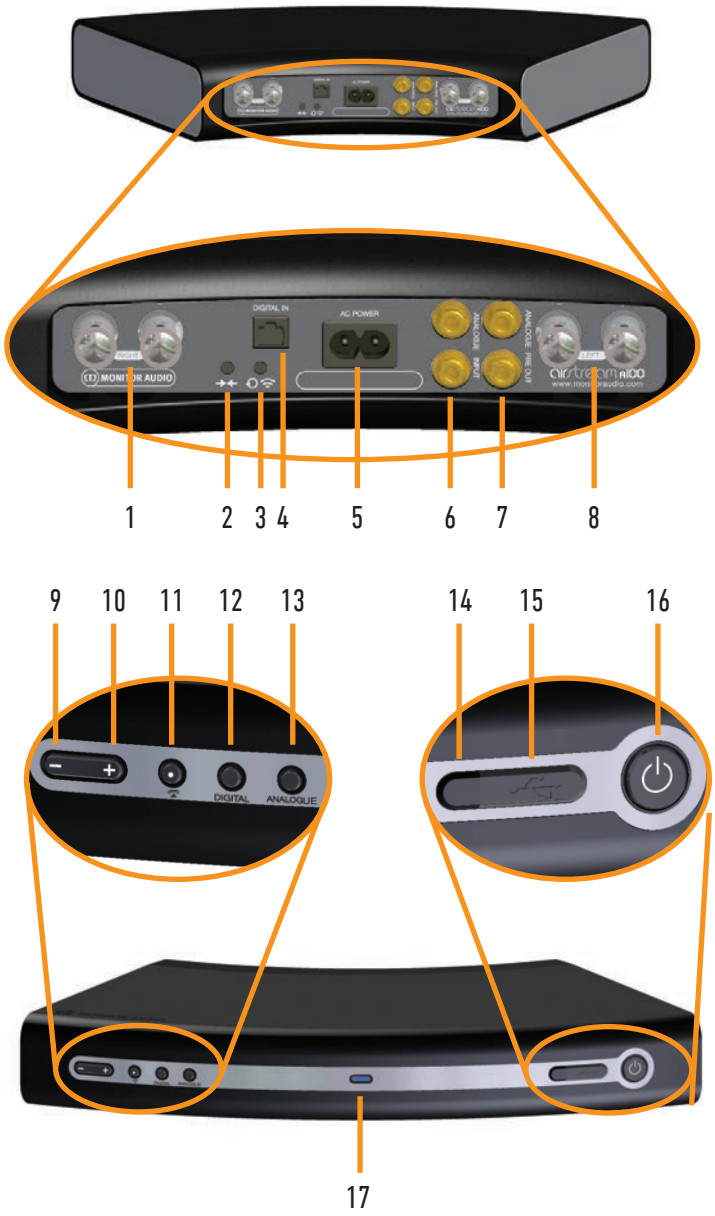
- iPad Mini
- iPad 4
- iPad 3
- iPad 2
- iPad
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPod Touch 5th Generation
- iPod Touch 4th Generation
- iPod Touch 3rd Generation
- iPod Touch 2nd Generation

USB Compatibility

Below is a list of devices that will play music back via the USB. Each will charge while connected to the A100 (when not in standby mode) with the exception of the iPad models.

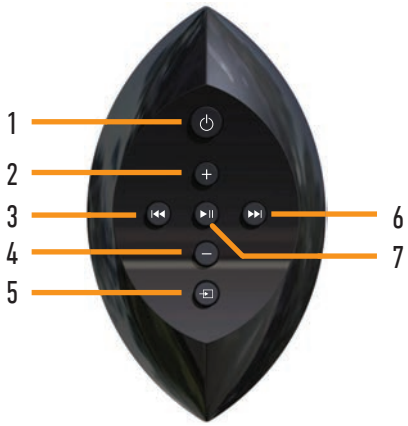
- iPad Mini
- iPad 4
- iPad 3
- iPad 2
- iPad
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPod Touch 5th Generation
- iPod Touch 4th Generation
- iPod Touch 3rd Generation
- iPod Touch 2nd Generation
- iPod Touch
- iPod Classic
- iPod Nano 7th Generation
- iPod Nano 6th Generation
- iPod Nano 5th Generation
- iPod Nano 4th Generation
- iPod Nano 3rd Generation
- iPod Nano 2nd Generation
- iPod Nano

The A100



1. **Right speaker output.** Connect the right hand speaker to these terminals. Push the terminal in to reveal a through hole to clamp the cable in place. Refer to page 4
2. **Airstream Connect/ AirPlay direct button.** This button serves two purposes: A short press puts the A100 into AirPlay Direct mode. Refer page 5; holding down for 12 seconds enables Airstream Connect mode for connecting the A100 to the network. Refer page 7.
3. **Wi-Fi Sharing/ Factory Reset button.** This button also serves two purposes: A short press is required when connecting the A100 to a wireless network (an iOS device needs to be connected via USB), refer to page 6; Press and hold for 12 seconds to perform a factory reset. Refer to page 18.
4. **Digital optical auxillary input.** Used for connecting another device using a standard digital, optical lead (not supplied).
5. **Mains power input.** Connect the supplied mains lead here.
6. **Analogue auxiliary input.** Used for connecting another device using a standard analogue, RCA lead (not supplied).
7. **Analogue pre amp output.** Used for connecting the A100 to an external power amplifier or a sub woofer.
8. **Left speaker output.** Connect the left hand speaker to these terminals. Push the terminal in to reveal a through hole to clamp the cable in place. Refer to page 4
9. **Volume down.** Decreases the volume level of playback.
10. **Volume up.** Increases the volume level of playback.
11. **AirPlay/ DLNA source select.**
12. **Digital/ USB source select.**
13. **Analogue source select.** .
14. **Infra red receiver**
15. **USB connector.** Used for charging, USB playback (iOS devices only), wireless set up and updates.
16. **Standby.** Either puts the A100 into standby or wakes it from standby. When woken from standby it will start in the previously selected input. When held down, the A100 enters Ready Mode. Refer to page 17.
17. **Information LED.** Refer to page 17 for the key and explanations of the various colours and flashing patterns.

Remote



1. **Standby.** Either puts the A100 into standby or wakes it from standby. When woken from standby it will start in the previously selected input. Ready Mode cannot be activated by the remote.
2. **Volume up.** Increases the volume level of playback.
3. **Previous track.** Selects either the start of the current track or the previous track (short press) or scans back through the current track (long press).
4. **Volume down.** Decreases the volume level of playback
5. **Input toggle.** Scrolls through the available inputs.
6. **Next track.** Selects the next track to be played (short press) or scans forward through the current track (long press).
7. **Play/ pause.** Pauses and restarts playback of the current track.

Getting Ready to Free Your Music

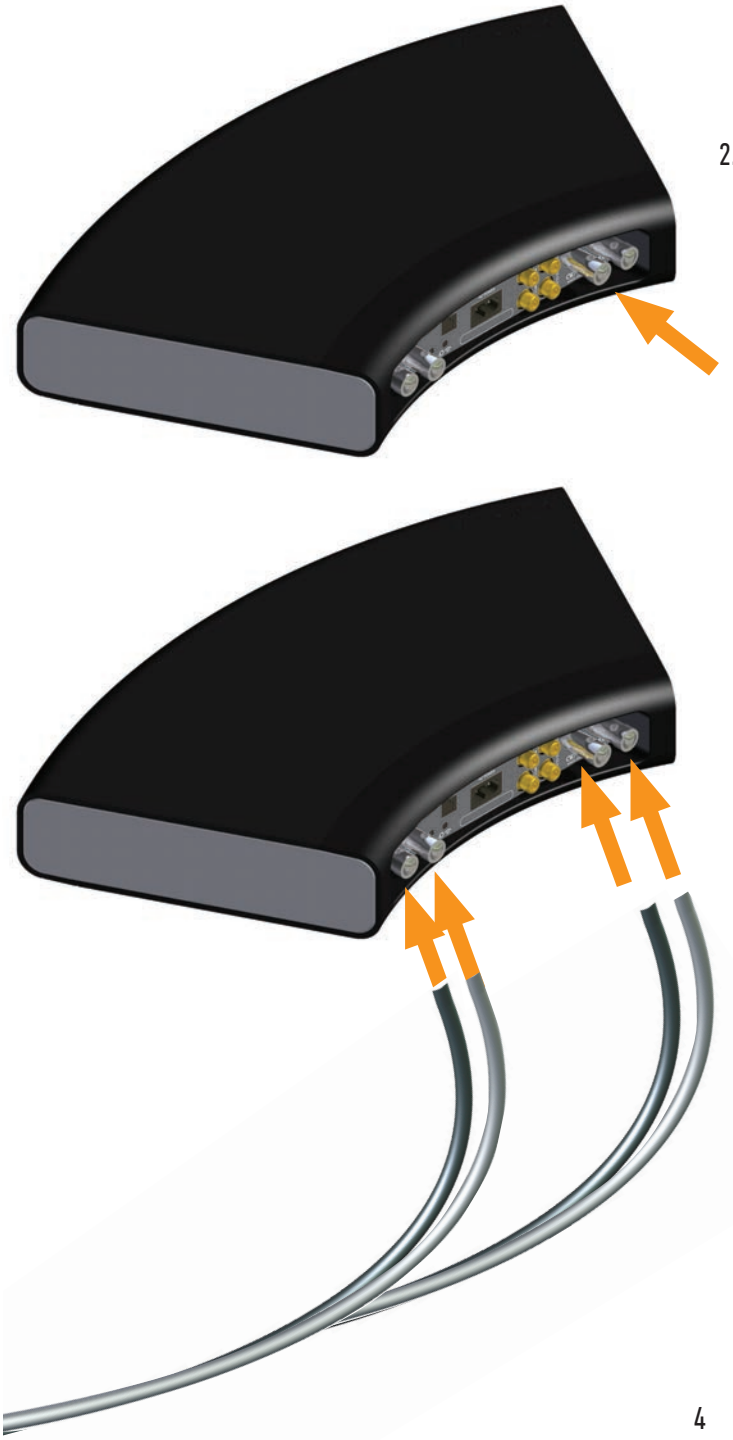
Connecting the Speakers

To connect the speakers/ cables, ensure that the cables are long enough to rech the desired locations of the A100 and the position of the speakers.

If using 4mm banana plugs simply insert them into the terminals on the back of the A100.

If using bare wire, press the sprung terminal and insert the cable paying particular attention to the markings on the cables and the terminals.

Ensure that the positive cable goes to the positive terminals and likewise with the negative.

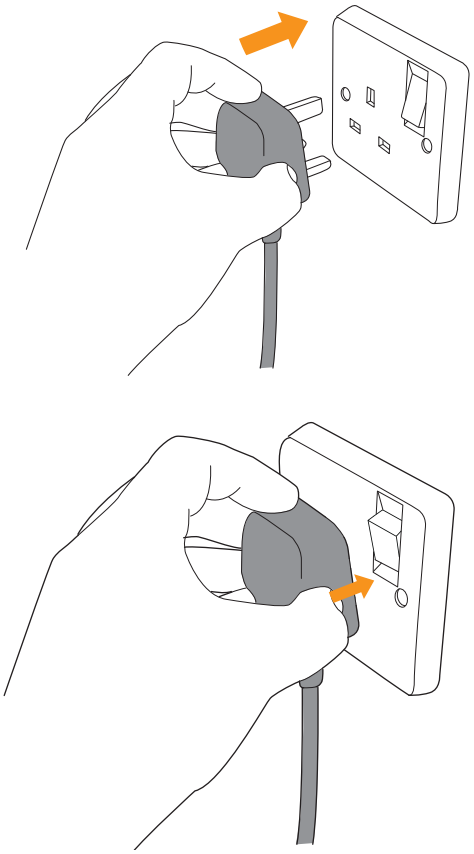


Connecting the Power

IMPORTANT: Please follow the following instructions in sequence. Connect the mains lead to the back of the A100, connect to wall socket and were applicable turn on.

1. Connect mains input lead into A100

2. Insert mains plug into allsocket and where applicable turn on.



AirPlay Direct

To Free Your Music before even connecting the A100 to a wireless network, or if you don't have a wireless router use the A100 in AirPlay Direct mode to still be able to enjoy your music.

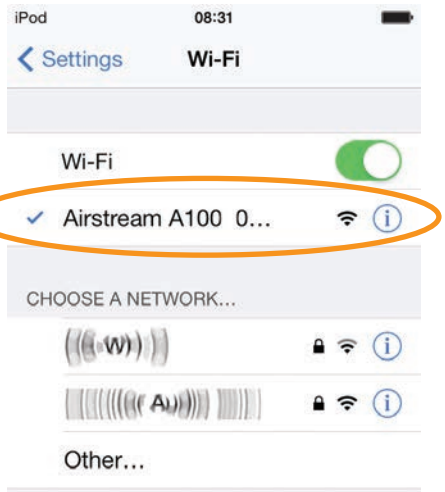
Activating this mode creates a wireless network solely between the A100 and the iOS-device. To connect using AirPlay Direct, follow the steps below:

1. Turn the A100 on from standby.

2. Press the AirPlay Direct button on the rear of the A100 (Button 2 on the illustration on page 3).

3. The LED on the front of the unit will momentarily flash purple and then turn solid purple.

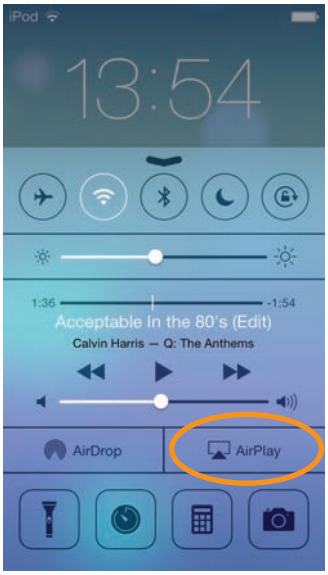
4. On the iOS-device, go to "Settings" and then "Wireless". Within the available wireless networks, there should be "Airstream A100...". Select "Airstream A100..." from the list then press the home button.



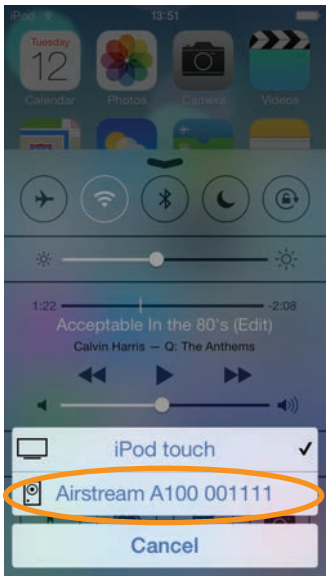
HINT

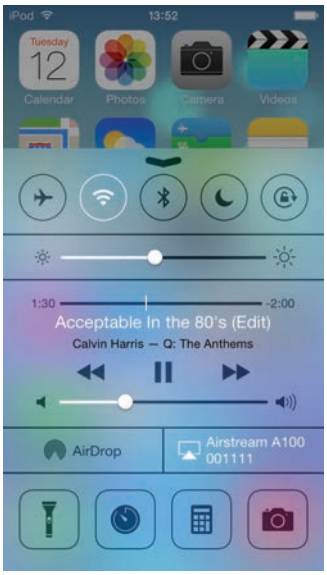
If the Airstream A100 isn't one of the listed networks, press the "home" button and try again. It sometimes takes a few seconds for the network to become visible.

5. With the album cover up, swipe up to reveal the Control Centre. You should see the AirPlay icon.



6. Press this and select A100 from the list. The AirPlay logo will now be illuminated. This means that your device will be playing via AirPlay.





HINTS

If a telephone call is received while in AirPlay Direct mode, music will pause and restart when the call is ended.

While in AirPlay Direct mode, cellular data will not function. So, iMessage, emails and mobile internet will not function simultaneously.

More than one device can be connected in AirPlay Direct mode, but only one device can play music in AirPlay Direct mode.

Freeing Your Music
Connecting to a WiFi Network.

There are a couple of different ways you can register the A100 onto the WiFi network. One method connects the phone directly to the A100 using the Apple supplied USB lead, while the second uses the A100's web portal via a PC, Mac or iOS-device.

What is required?

To connect the A100 to a WiFi network you will need to have the following:

- A Wireless router.
- For Option 1, either an iPod Touch, iPhone or iPad and the Apple supplied USB lead.
- For option 2, either a PC, Mac, iPod Touch, iPhone or iPad connected wirelessly to the network. The PC/ Mac must be connected wirelessly.
- Airstream A100

Option 1.

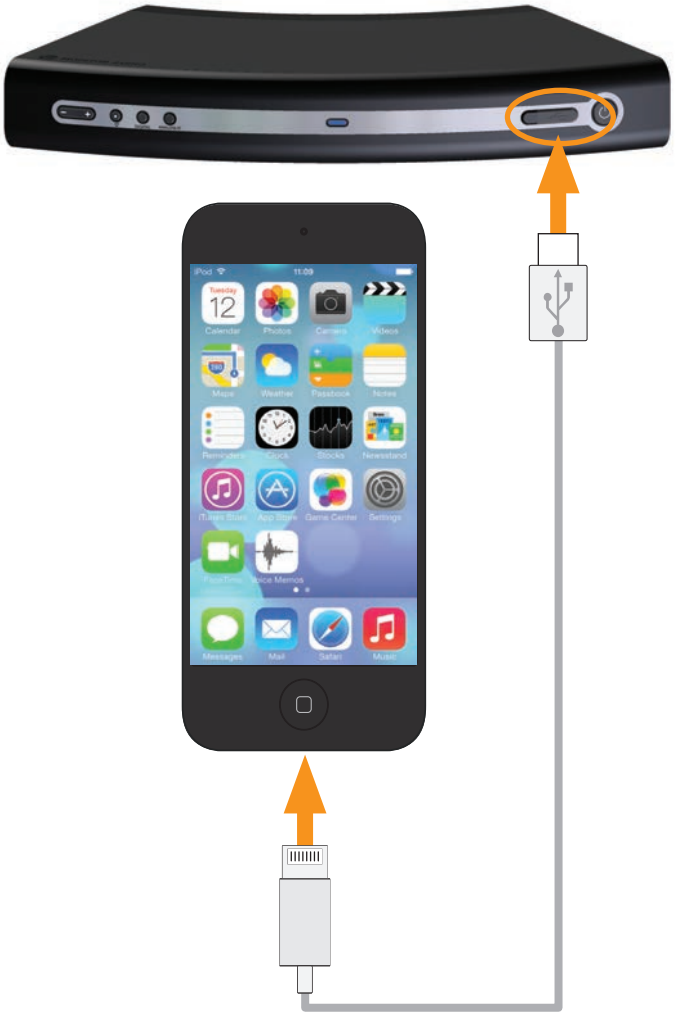
This is the easiest of the two processes. It uses the wireless network security information stored on the iOS-device to connect to and gain access to the network. All you need is a compatible iPod Touch, iPhone or iPad running iOS5 or above.

A list of compatible devices for this method of connection can be found below:

- iPad Mini
- iPad 4
- iPad 3
- iPad 2
- iPad
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPod Touch 5th Generation
- iPod Touch 4th Generation
- iPod Touch 3rd Generation
- iPod Touch 2nd Generation

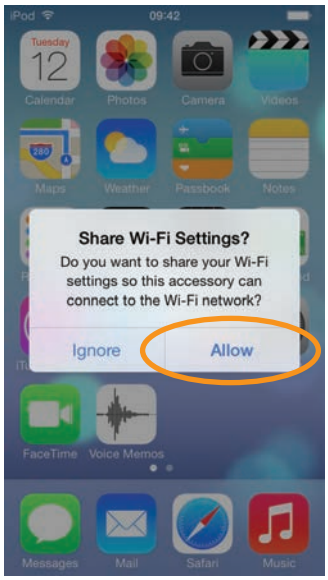
1. Turn the A100 on from standby mode. The LED on the front will flash blue, firstly in pattern 2 then pattern 1 sequence.

2. When it changes to Pattern 1 (not connected to a wireless network), open the cover over the USB socket on the A100 and connect the USB lead to the A100 and your iOS-device.



3. On the A100, press the Sharing Button (Item 3 on page 3)

4. A prompt will appear on the screen of the iOS-device. This is just asking if you want to allow the device to share the security data with the A100. Press "Allow".


Share Wi-Fi Settings?
Do you want to share your Wi-Fi settings so this accessory can connect to the Wi-Fi network?
Ignore
Allow

5. The blue LED will then start to flash blue again as per Pattern 2 and turn solid blue when connected to the WiFi network.

6. When the LED is solid blue, remove the USB lead from the device and the A100. You are now able to start playing music via AirPlay. Refer to page 11 for instruction on playing music via AirPlay.

HINT

If you face problems connecting the A100 using this method, try using the web portal via the PC/ Mac or the iOS device.

Option 2.

Using this method of connection you need either a wireless enabled PC/ Mac or an iPod Touch, iPhone or iPad running iOS5 or later.

This method of connectivity involves manually entering the wireless network name (SSID) and security information (WEP Key) into the A100's web portal from either the computer or iOS-device via a temporary wireless network.

HINT

Make a note of the name of the wireless network (SSID) that you are connecting to and also the security information (WEP, WPA or WPA2) to ensure the seamless connection of the A100 to the wireless network.

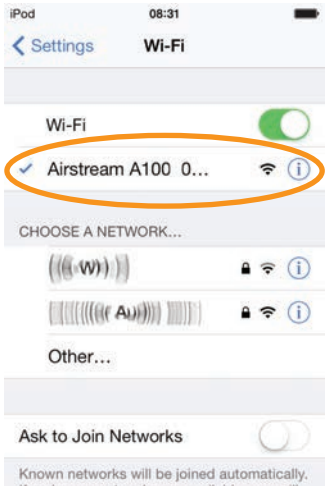
Via iOS-Device

1. Turn the A100 on from standby mode. The LED on the front will flash blue, firstly in pattern 2 then pattern 1 sequence.

2. When it changes to Pattern 1, it is not connected to a wireless network. Press and hold the Airstream Connect/ Airplay Direct Button (Item 2 on Page 3) until the LED on the front flashes white (Pattern 3). This will take approximately 12 seconds.

3. On the device, go to Settings, then WiFi.

4. In the list of available networks you will see Airstream Connect, select this. When it has been ticked, press the home button.

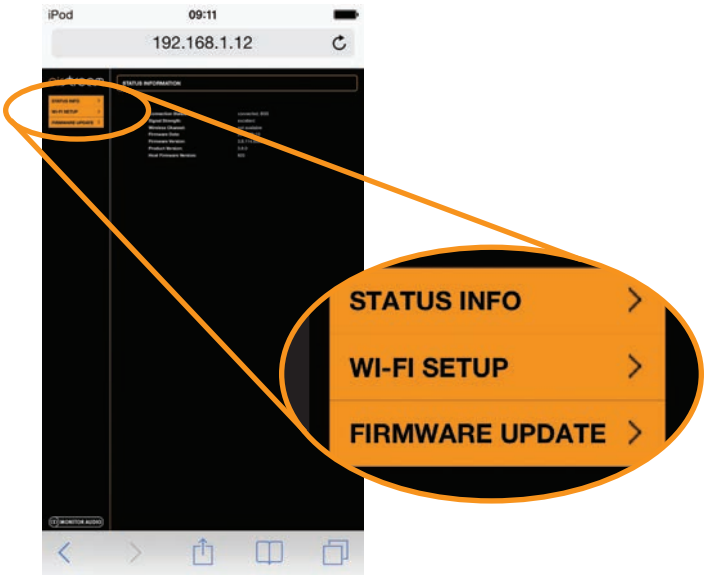


5. Here, you have two options, you can scan the QR code (below) if you have a QR reader on your device. Alternatively, select Safari and in the address bar at the top, enter 192.168.1.12

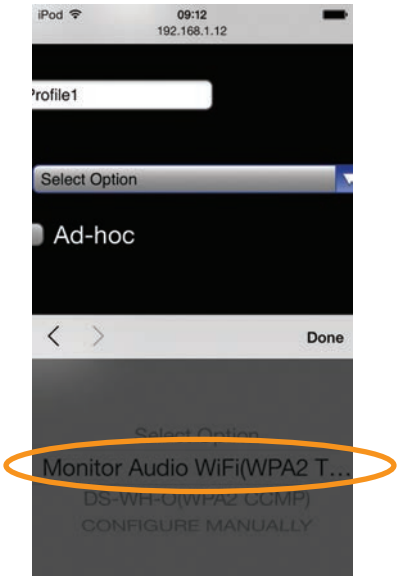
HINT

If the IP address 192.168.1.12 doesn't work, restart the A100 and press the home button on the device and then retry steps 4 & 5.

6. The A100's portal page will now be displayed. Select WiFi Setup from the list on the left hand side.

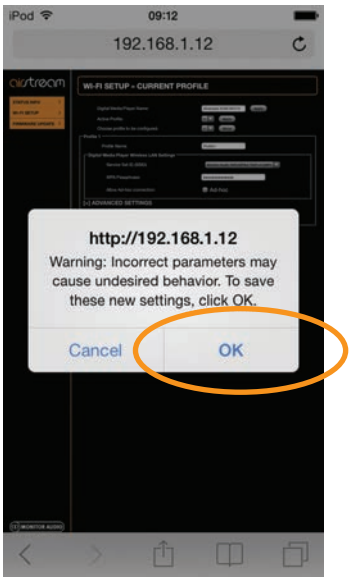


7. Select the SSID (wireless network) you wish to connect to and enter the appropriate security details, press save and then press the home button.



8. There will be a warning pop up appear, just press OK.

Return your device to the original WiFi network so that you can stream your music.



1. Go to Settings, then WiFi.
2. Select your WiFi network.
3. When the tick appears next to your network, press the Home button.
4. To start playing music via AirPlay please refer to page 11.

Via Laptop/ PC

HINT

The Laptop or PC, must be wireless enabled with wireless turned on.

1. Turn the A100 on from standby mode. The LED on the front will flash blue, firstly in pattern 2 then pattern 1.

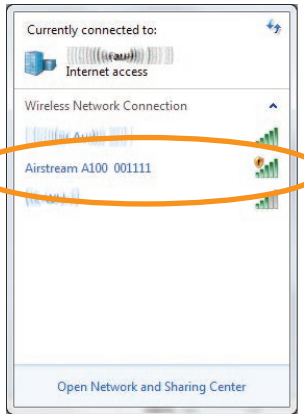
2. When it changes to Pattern 1, it is not connected to a wireless network. Press and hold the AirstreamConnect/ AirPlay Direct Button (Item 2 on Page 3) for approximately 12 seconds until the LED on the front flashes white (Pattern 3).

3. On the Laptop/ PC, go to the Wireless network selection tool.

HINT

On a Windows 7 Machine, click on the WiFi strength indicator in the bottom right hand corner. If it is hidden, click on the little up arrow.

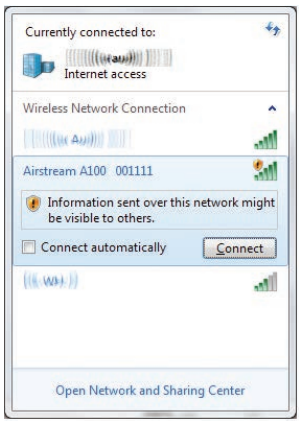
4. In the list will be your network (probably with "Connected" next to it), and any other wireless networks within range. One of them will be Airstream A100.



HINT

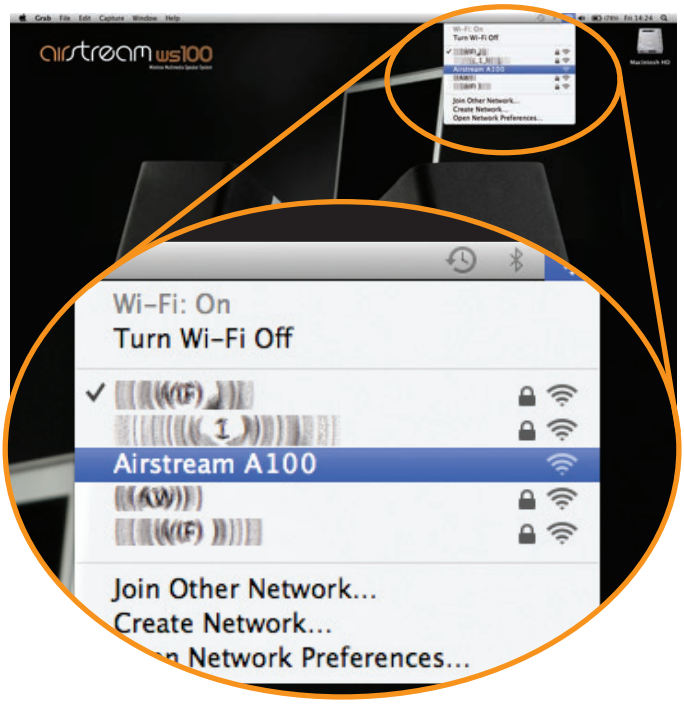
If Airstream A100 isn't displayed, click the refresh arrows (top right corner of the window).

5. Click on Airstream A100, and then the Connect button. After a few seconds, you will be connected to the Airstream A100 wireless network.



Continue to Step 7.

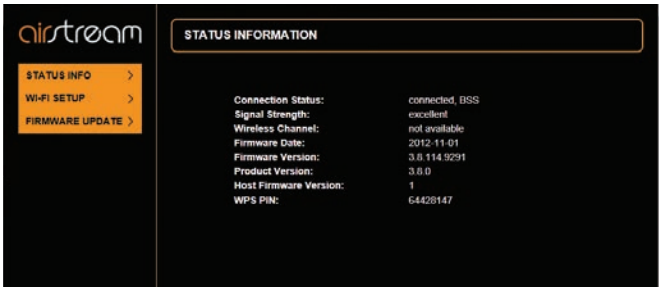
6. On a Mac, click on the wireless network signal strength indicator located in the bar at the top of the desktop and select Airstream Connect. Continue to Step 7 below.



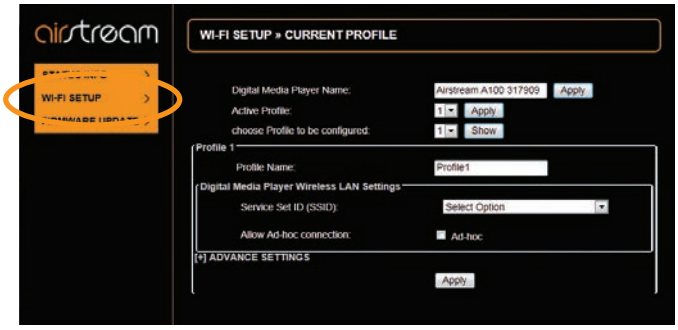
HINT

With both Windows and Mac OS's, if AirstreamConnect isn't displayed, come out of the selection window and then try again after a few seconds.

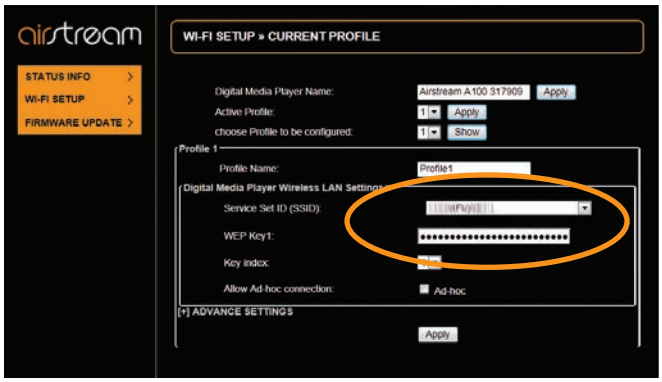
7. On the computer, open your web browser and in the address bar at the top of the page, type in the following address to load the Airstream web portal: 192.168.1.12



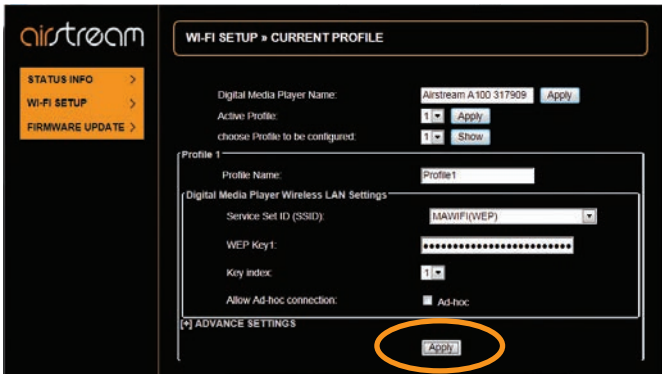
8. Click on WiFi Setup on the left hand side of the page. In this page, you will see the details of the A100 and the "Profile" of the wireless network you are about to connect to.


airstream
WI-FI SETUP » CURRENT PROFILE
WI-FI SETUP
Digital Media Player Name: Airstream A100 317909 Apply
Active Profile: 1 Apply
choose Profile to be configured: 1 Show
Profile 1
Profile Name: Profile1
Digital Media Player Wireless LAN Settings
Service Set ID (SSID): Select Option
Allow Ad-hoc connection: Ad-hoc
[+] ADVANCE SETTINGS
Apply

9. Click the drop down arrow to select the "Service Set ID" (SSID). In the list should be your wireless network. Select your network and enter the security key.



10. Click Apply. When you do, a warning pop up will be displayed, click OK.



Windows pop up:

Message from webpage
Warning: Incorrect parameters may cause undesired behavior. To save the new settings, click Ok.
OK
Cancel

Mac pop up:

11. After clicking the OK button on the pop up, there will be no other visible indication on your browser that the A100 is connected to the network.

    The LED on the A100 will flash blue while it is establishing a connection to the wireless network and then change to the previous input mode once it has been connected. This will be indicated by the LED.

    To select AirPlay, press the input toggle button until the LED is blue.

12. Remember to return to the Available Wireless Networks list on your computer and reselect your home Wireless Network.

13. To start streaming to the A100 from your PC, Mac or iOS device, please refer to page 11

HINTS

If the LED flashes red slowly (pattern 1), then it has failed to connect. You will have to repeat the above steps to try again.

If it still flashes red slowly after repeating the above steps, try moving the A100 closer to the router.

FREE YOUR MUSIC

Use Airplay from your iOS-device

Before proceeding, please ensure the A100 is turned on from standby mode and is registered to the same wireless network as the device you will be playing back from (LED solid blue).

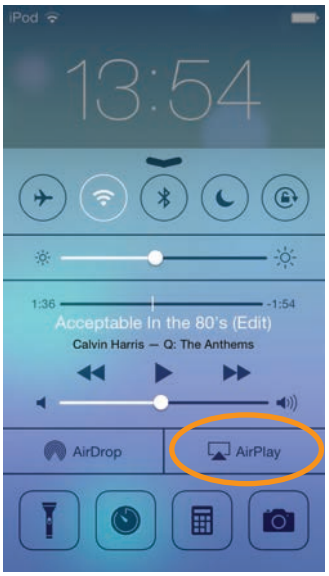
The A100 will automatically change to AirPlay mode when streaming has started if it isn't already selected.

1. On your device, select the music you wish to play.

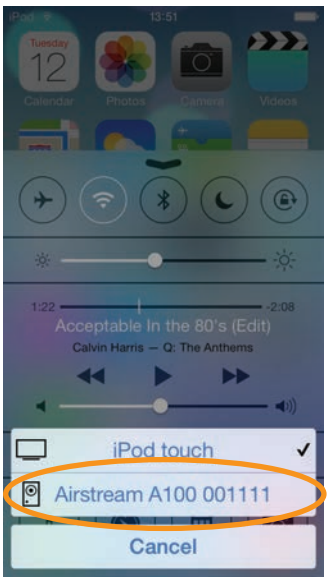
HINT

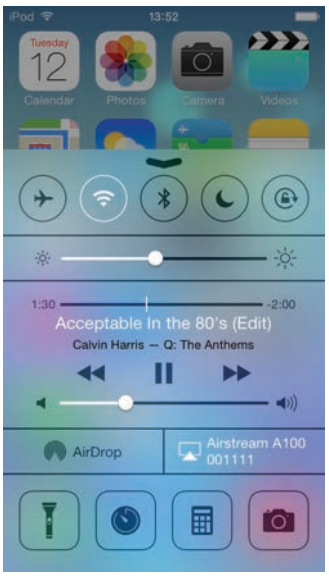
If the LED on the A100 is flashing, it is either initialising (Pattern 2) or it is hunting for a wireless network (Pattern 1). In either state, the AirPlay logo may not be visible on the iOS-device.

2. With the album cover up, swipe up to reveal the Control Centre. You should see the AirPlay icon.



3. Press this and select A100 from the list. The AirPlay logo will now be illuminated. This means that your device will be playing via AirPlay.



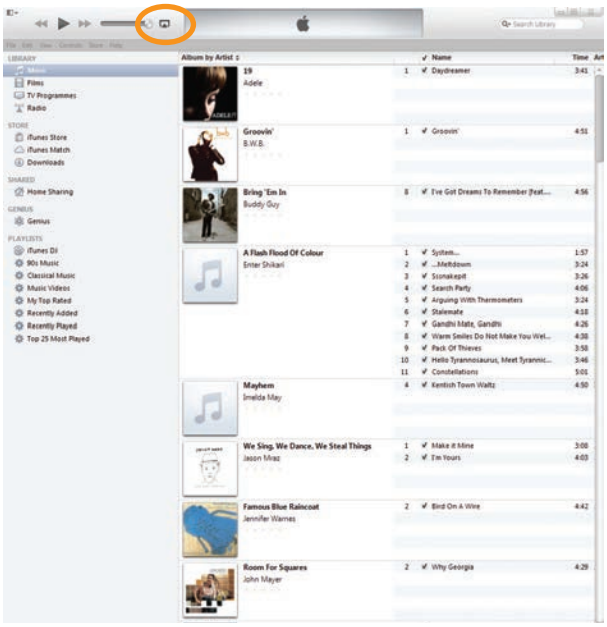


Using AirPlay from iTunes

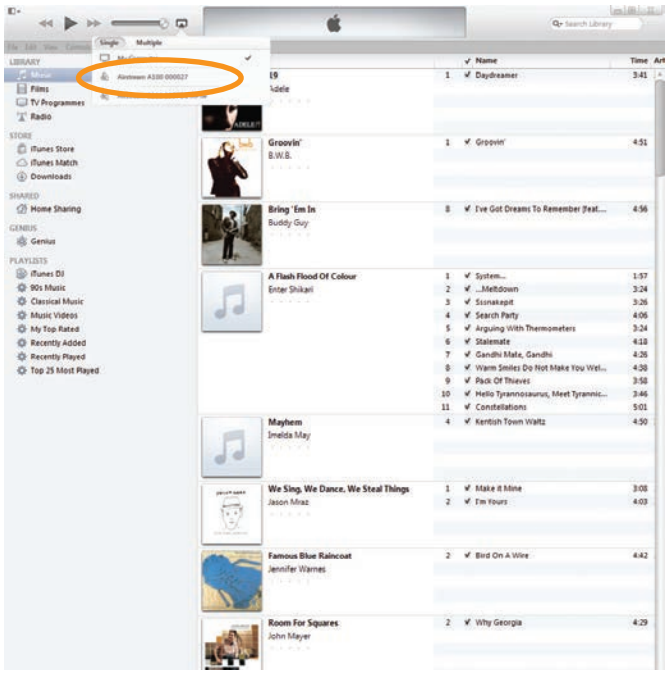
Before proceeding, please ensure the A100 is turned on from standby mode and is registered to the same wireless network as the device you will be playing back from. The Mac or PC must be connected to the same network as the A100.

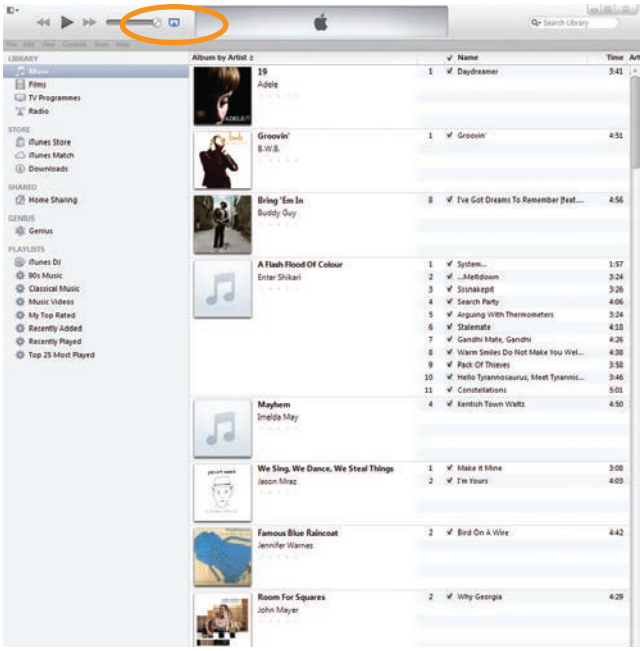
The A100 will automatically change to airplay mode if it isn't already selected.

1. On the PC/ Mac, open iTunes. By the status window at the top of iTunes the AirPlay Icon will appear, but only if it has found the A100 on the network.



2. Click on the icon and select the Airstream A100 from the devices available. The AirPlay logo will then turn blue.





3. Select the song you wish to play and sit back and enjoy.

HINT

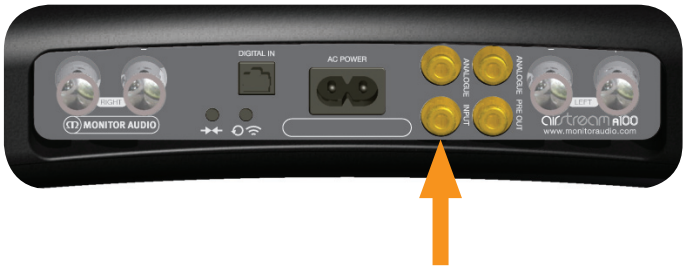
The A100 will get the volume level from iTunes, not the PC/ Mac, so remember to check the volume level of iTunes before playing music.

In both instances, the LED on the front of the A100 will be blue when in AirPlay mode. If it doesn't automatically change to AirPlay mode when songs start playing, press the AirPlay button on the A100 or the source buttong on the remote.

Play Another Device Using the Analogue Inputs

The following steps guide you through connecting an analogue auxiallary device and playing from it.

1. Connect a stereo coaxial cable to the analogue auxialary input on the back of the A100 and the other end into the device you wish to play from.



2. Turn the A100 on from standby mode.
3. Press the analogue auxiallary source button on the A100 or the source button on the remote (item 6 on Page 3) until the required auxiliary source is selected. The LED on the front will be Green.

4. Press play on your device.

HINT

The remote will only change the volume when using this input. You may also have to set the volume to almost maximum on the device.

Play Another Device Using the Digital Inputs

The following steps guide you through connecting digital auxiallary devices and playing from it.

1. Connect an optical cable to the digital auxialary input on the back of the A100 and/ or a USB cable to the front (iOS device only) and the other end into the device you wish to play from.

2. Turn the A100 on from standby mode.
3. Press the digital auxiallary source button on the A100 or the source button on the remote (item 5 on Page 3) until the required auxiliary source is selected. The LED on the front will be White for USB and optical.

4. Press play on your device.

HINT

The remote will only change the volume when using this input. You may also have to adjust the volume on the device.

Play Another Device Via DLNA

It is possible to stream to the A100 using a wireless device via DLNA (Digital Living Network Alliance), that isnt iOS enabled.

There are a number of third party apps that use the DLNA protocol, so please refer to the instructions for your particular application on how to stream to wireless devices.

The A100 will automatically select a DLNA streaming source unless an AirPlay source is already playing. AirPlay will always over-ride DLNA.

When in DLNA Streaming mode, the LED on the front will be blue. This can be manually selected by pressing the AirPlay/ DLNA button (item 11, page 3).

Before proceeding, please ensure the A100 is turned on from standby mode and is registered to the same wireless network as the device you will be playing back from.

For playback and streaming using a 3rd party app, please refer to their instructions.

HINTS

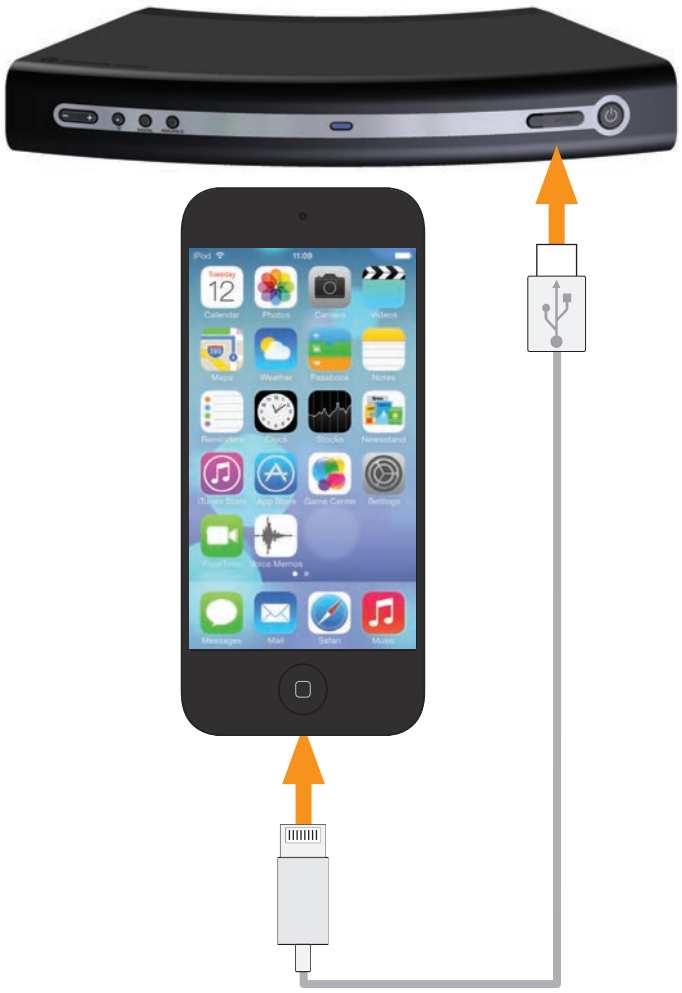
If the LED on the A100 is flashing blue, it is either initialising (Pattern 2) or it is hunting for a wireless network (Pattern 1). In either state, the A100 may not be visible on the device.

The A100 will automatically switch between streamed sources, but AirPlay will take priority if already streaming a DLNA source. Likewise, it will not change to DLNA if an AirPlay source is either playing or paused

Charging via the USB

Before proceeding, please ensure the A100 is turned on from standby mode.

1. Connect the apple supplied USB lead to the A100 and your device.



HINT

You can continue to use other sources while you are charging your device. If you wish to play music from the device currently charging, we would recommend using the USB, digital input rather than AirPlay.

Firmware Update.

The A100 automatically searches for software updates whenever it is turned on (providing there is a connection to the internet). However, there are other ways of updating the firmware. These are manually via the internet or via a USB memory stick. Details of all methods are outlined below.

Automatic Notification of Firmware Update

By default the A100 is set up to inform you a firmware update is available automatically.

1. After the A100 has gone through the initial boot up procedure and connected to the network (blue LED stops flashing), the LED will flash white slowly (Pattern 1) indicating that an update is available.
2. Press and hold the standby button until the LED on the front is illuminated solid white.

3. Release the button and the LED will then go through various states and colour changes, indicating different stages of the update process:

   White (Flashing very fast) - Updating the firmware.

   Cyan (Illuminated for 2 seconds)

   OFF - Update complete.

HINT

If the LED is slowly flashing red, the update has failed. Follow the steps for the Manual Update by internet or USB to ensure its success.

4. Once the update has been successfully completed, the A100 will go through the initial start up procedure as described on page 4.
5. You may then need to reconnect the A100 to the WiFi network as described on page 6.

USB Firmware Update

To update the firmware by USB memory stick the update firmware needs to be downloaded first.

1. On your PC/ Mac open the internet browser and go to www.airstream-ma.com and navigate to either the A100 page or the Support page.
2. Download and save the update file to the USB stick. The memory stick MUST be formated in FAT32 format and the update file saved in the root folder. The A100 will not see the update file if it is saved in a sub folder. When it has been copied/ saved, safely remove the USB stick.
3. Remove the power from the A100. When the power button LED has gone out, insert the USB stick.
4. Reconnect the power and turn on the A100. Wake it from standby (if necessary). It will then go through it's boot up procedure and may even go to the last selected source. It will then start to slowly flash white (pattern 1.)

5. Press and hold the standby button on the A100 until the LED is solid white.
6. Release the button and the LED will then go through various states and colour changes indicating different stages of the update process:

   White (Flashing very fast) - Updating the firmware.

   Cyan (Illuminated for 2 seconds)

   OFF - Update complete.

HINT

If the LED is slowly flashing red, the update has failed. Try repeating the above steps for installing the update or try the USB method as outlined next.

7. Once the update has been successfully completed, it will then go through the initial start up procedure as described on page 4.
8. You may then need to reconnect the A100 back to your WiFi network as described on page 6.

Web Browser Firmware Update

It is possible to update the firmware in the A100 via its web page. There are a number of ways to do this and these are listed below:

i. Via Safari. If you have safari web browser installed, click on Bonjour and then the bookmarks tab. The A100 should appear as one of the bookmarks in Bonjour. Continue to step 1 below.

ii. Via Computer on a Windows 7 PC. Navigate to the Computer (Start; Computer), and click on Network. Scroll to Media Devices and double click on Airstream A100 xxxxxx (Where xxxxxx is the last 6 digits of its unique MAC address). Continue to Step 1 below.

iii. Via the Control Panel on a Windows 7 PC. Navigate to the Control Panel and select Hardware and Sound, and then Devices and Printers. Airstream A100 xxxxxx should be displayed under the Devices title. Double click to bring up the Properties window. Click on the UPnP tab and then the link next to "Webpage". Continue to Step 1 below.

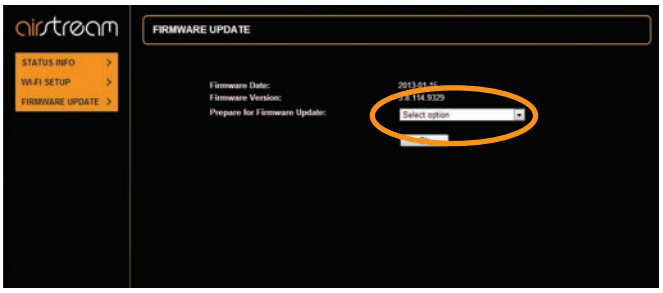
iv. Via any internet browser. This method can only be done if the IP address of the A100 is known. If you do not already know this, it can be found out by going to your router's control panel and looking under attached devices (or similar). Refer to the router's manual for help on this. Continue to step 1 below.

v. Via any web browser. This method can only be done if the last 6 digits of the MAC address are known. In the address bar of the browser, type in the following:
http://airstream-A100-xxxxxx.local./index.asp
Where xxxxxx is the last 6 digits of the MAC address.

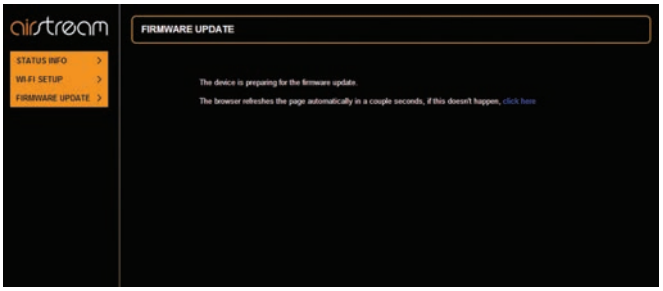
WARNING: Do not, at any point during the update procedure remove the power from the A100, or click back on the web browser. Follow the on screen instructions and the instructions in this manual.

1. Download the updated firmware from the Airstream website www.airstream-ma.com/support and save it to your computer.
2. Connect to the A100 using one of the 5 methods outlined above and click on the Firmware Update tab.

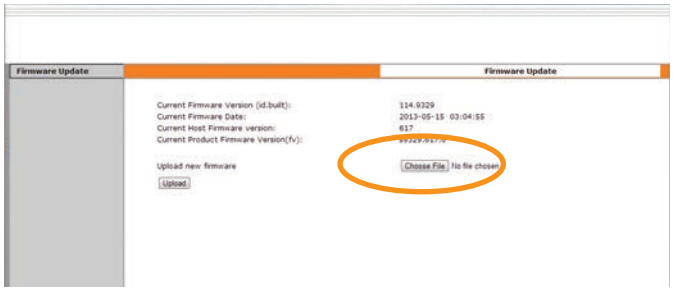
3. Click on the drop down menu next to 'Update Method' and select the only option available which is "Firmware Update From Network".



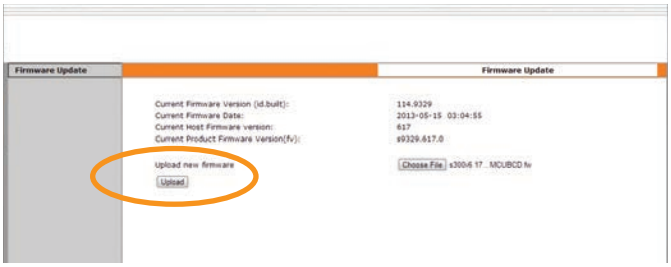
4. Click on Ok. The page will change with a note to say it should refresh in a couple of seconds, or click a link. Click the link (if it doesn't refresh).
The LED on the A100 will turn white.


airstream
FIRMWARE UPDATE
STATUS INFO
WI-FI SETUP
FIRMWARE UPDATE
The device is preparing for the firmware update.
The browser refreshes the page automatically in a couple seconds, if this doesn't happen, click here

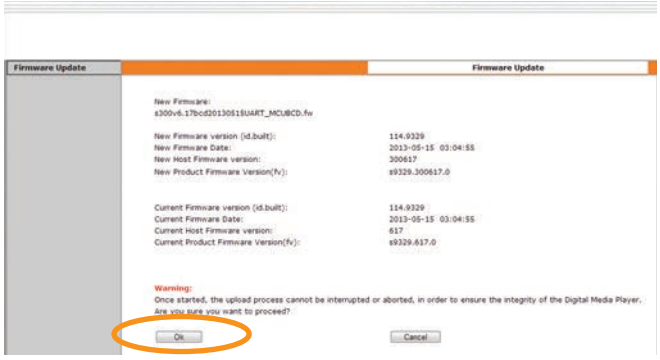
5. Next, click on "Choose File" and navigate to the location the updated firmware file was saved to. Select it and click open.



6. Click on "Upload".



7. Check the details of the file on the web page and click "OK".


Firmware Update
Firmware Update
New Firmware:
New Firmware version (id.built):
New Firmware Date:
New Host Firmware version:
New Product Firmware Version(fv):
Current Firmware version (id.built):
Current Firmware Date:
Current Host Firmware version:
Current Product Firmware Version(fv):
Warning:
Once started, the upload process cannot be interrupted or aborted, in order to ensure the integrity of the Digital Media Player.
Are you sure you want to proceed?
Ok
Cancel

8. The web page will now change showing the progress of the update. At the same time, the LED will go through various states and colour changes indicating different stages of the update process:

White (Flashing very fast) - Updating the firmware.

Cyan (Illuminated for 2 seconds)

OFF - Update complete.

The A100 will now go into standby mode.

HINT

If the update sequence differs from above, the update may have failed. Please retry using the USB update or web portal update. Also check the support section of www.airstream-ma.com

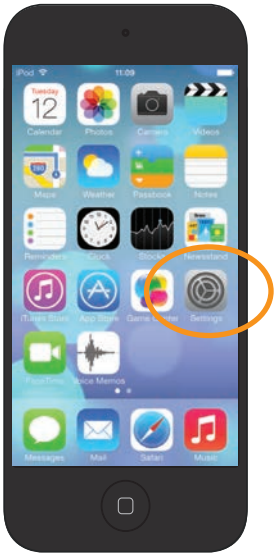
9. The update is now complete. The web page might not say that it is 100% complete, but when the A100 goes into standby mode (standby button illuminated red), it has completed the update process. Close the web browser.

10. Press the standby button and the A100 will go through the initial start up procedure described on page 4.

Checking Firmware Version

It is possible to see what version of firmware and software the A100 is running. This may be needed when contacting Monitor Audio.

1. With the A100 powered up and out of standby mode, connect your iOS-device to the USB port of the A100 using the Apple supplied lead.
2. On the device, go to Settings, then General and then About.
3. In the About section scroll down the screen to you see Airstream A100.
4. Select Airstream A100 and you will see a screen showing the Manufacturer, Model, firmware version and hardware version.



Ready Mode

What is Ready Mode?

Ready Mode is another form of standby. However, when in Ready Mode, the A100 will also automatically awake if you try to play something via USB, AirPlay or AirPlay Direct.

How to Enter Ready Mode

1. With the A100 turned on and out of standby mode (LED not flashing), press and hold the standby button for about 3 seconds.

2. The LED will start to flash orange indicating it is entering Ready Mode. When it stops flashing and is illuminated yellow, the A100 is now in Ready Mode.

It is now possible to automatically wake the A100 by either connecting a device via the USB or streaming to it via AirPlay.

The A100 cannot be put into Ready Mode using the remote.

HINT

If the A100 is placed into Ready Mode while an iOS-device is connected via USB, it will continue to charge.

Factory Reset

Should the situation arise where you need to carry out a factory reset because of problems or difficulties with the A100, follow the steps below.

1. With the A100 powered up and out of standby mode, press and hold the Sharing Button for approximately 12 seconds (Item 3 on page 3).

2. The LED on the front will turn red and the A100 will go into standby mode. When this happens, the settings have been reset.

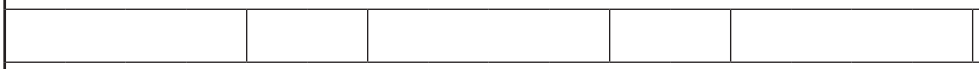
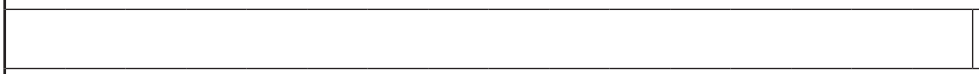
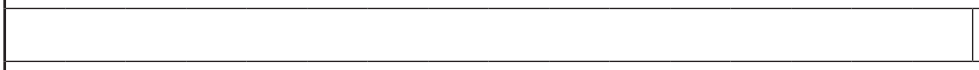
Changing the Remote Battery

1. Holding the remote in your hands with the standby button pointing away from you, push back on the black half of the remote.
2. Separate the two halves and the battery will be present in the black half of the remote.

3. Slide the battery out and replace only with the same type, CR2025 3v.

LED Colour Matrix

The below table shows the various colours and flash patterns associated with the front LED and their meanings.

1 . . . 2 . . . 3 . . . 4 . . .	Description	Function
Start Up Sequence		
	Fast Flashing Blue	Initialising
	Slow Flashing White	Airstream Connect Mode
Normal Operation		
	Fast Flashing Blue	Initialising
	Blinking Red	No WiFi Connection
	Blue	Airplay Mode
	Blue	DLNA Source
	Green	Analogue Aux Source
	White	Digital USB Source
	White	Digital Optical Aux Source
	Blinking Purple	Entering / Leaving Airstream Direct Mode
	Purple	Airstream Direct Mode AirPlay and DLNA
	Fast Flashing Orange	Entering / Leaving Ready Mode
	Orange	Ready Mode
Firmware Update		
	Slow Blinking White	Update Available
	White	Initialising Update
	Very Fast Flashing White	Updating Firmware
	Cyan	Updating AirPlay Module
	Red	Update Failed

LED Flashing Patterns

The below table shows the names of the flash patterns associated with the LED on the front of the A100.

Pattern Number	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms	250ms
#1	■											■					
#2	■		■		■		■		■		■		■		■		■	
#3	■	■	■	■			■	■	■	■			■	■	■	■		
#4	■	■			■	■			■	■			■	■			■	■

Specs

	A100
Frequency Response	20Hz - 20kHz
Output Power	2 x 50 Watts
Loudspeaker Impedance	4 - 8 Ohms
AC Input Voltage	90 - 264v (Auto Ranging)
Amplifier Category	Class A/B
Models Supported	iPad Mini, iPad 4, iPad 3, iPad 2, iPad, iPhone5, iPhone 4S, iPhone 4, iPhone 3GS, iPod Touch 5th Generation, iPod Touch 4th Generation, iPod Touch 3rd Generation, iPod Touch 2nd Generation - Running iOS 4.3.3 or greater. PC or Mac running iTunes 10.2.2 or greater.
Supported File Formats (AirPlay)	AAC, ALAC, MPS
Supported File Formats (Airstream)	AAC, ALAC, MP3, FLAC
Server Inter-operability	DLNA 1.0/1.5 UPnP 1.0 AV Media Server AirPlay enabled devices (PC/ Mac/ iOS)
Wireless Network Protocol	802.11b/g
Electrical Approvals	ETL/ CE/ Fcc/CB/ Erp/ Wi-Fi/ Wi-Fi WMM/ Apple MFi Certified
AC Input Voltage	90 - 264v (Auto Ranging)
Power Consumption	0.33 watts (standby) ; 120 watts (max)
Dimensions - Horizontal (H x W x D)	55 x 359 x 204mm $2\ ^{3/16}$ x $14\ ^{1/8}$ x $8\ ^{1/16}$Inches
Dimensions - Vertical, inc stand (H x W x D)	326 x 92 x 269mm $12\ ^{13/16}$ x $3\ ^{5/8}$ x $10\ ^{9/16}$ Inches
Colour/ Finish	Charcoal Grey White
Weight (each)	1.9Kg (4lb 3oz)

Monitor Audio reserves the right to alter specifications without notice.

AirPlay

iPhone, iPod, iPod classic, iPod nano, iPod shuffle, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.

Made for iPod iPhone

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifi cally to iPod, iPhone, or iPad, respectively, and has been certifi ed by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Trouble Shooting

If experiencing problems with the Airstream A100, there are some quick and easy checks, which may help to solve the problem.

Unable to Connect to the Wireless Network

- Check if your WiFi router is WiFi 802.11b/g certified. The A100 is not compatible with N Class routers. If your WiFi router is WiFi 802.11n, please ensure that it is in 802.11b/g mode. The A100 is not able to talk to routers that are 802.11n only.
- Ensure you router is DHCP enabled.
- Keep away from potential sources of interference which may affect WiFi signal, such as microwave ovens.
- If you fail to use your PC for WiFi network setup, check whether your PC is using a WiFi network. You cannot use Ethernet connection for AirPlay network setup.
- Make sure that the SSID name of the router consists of alphanumeric characters, with no space or special characters like %/#/* inserted. It must also not be hidden.
- Check that there are enough spare IP addresses available on your router. Some limit the number of devices that are allowed on the network

No Sound

- Check the volume, source and play/ pause settings.
- Check that the mains power lead is connected on both the A100 and the mains power wall socket is switched on.

The A100 is Nonresponsive

- Check that the mains power lead is connected on both the A100 and the mains power wall socket is switched on.
- Remove the power from the A100, wait for the standby LED to go out and then reconnect the power.
- Check that it is connected to the same wireless network as your device.
- Check you are running the latest version of firmware. Refer to page 15.

Occasional Breaking up of AirPlay Music Playback

- Move the A100 closer to your WiFi router.
- Avoid using WiFi channel which is overlapped by the nearby WiFi network.
- Check if your network speed is fast enough (in cases where multiple devices share the same router, the AirPlay performance may be affected). Turn off the other devices connected to your router.
- Enable the Quality of Service (QoS) option (if available on the WiFi router).
- Turn off other WiFi routers or range extenders to try to diagnose a possible faulty one.

No AirPlay Icon on my iTunes Host Device

- Make sure the A100 is connected to the same WiFi network as the host device
- It can sometimes take 30 seconds or so for the A100 to talk to the rest of the network to let it know it is on and ready. Try leaving iTunes for a bit to see if it appears.

AirPlay Connection Failed with Mac or PC

- Temporarily disable the firewall and security software to see whether it blocks the ports that AirPlay uses to stream content. Refer to the help documentation for your router/ firewall/ network security to unblock the ports used by AirPlay.
- When you use iPod Touch/iPhone/iPad/Mac/PC for AirPlay, if the music play breaks or stops, try to restart your iPod Touch/ iPhone/iPad, iTunes or A100.
- Video streaming or FTP downloads may overload your router and therefore may cause interruptions during AirPlay music play. Try to reduce the load of your router.

If still experiencing difficulties after making the suggested checks, please call the help desk for further assistance. The help desk is open from 9.00am to 5.00pm (GMT), Monday to Friday (excluding Bank Holidays) and can be contacted on +44(0) 1268 798567.

Alternatively contact the store you purchased the A100 from.

Owner Information

Product Details

Model **Airstream A100**

Product Serial No .....

Date of Purchase .....

Dealer Details

Dealer Name .....

Address .....

.....

Town .....

Post code .....

Country .....

e-mail address .....

Monitor Audio Ltd.
24 Brook Road
Rayleigh
Essex, SS6 7XJ
England
Tel: +44 (0)1268 798567
Fax: +44 (0)1268 740589
Email: info@monitoraudio.co.uk
Web: www.airstream-ma.com
Designed in the United Kingdom

Version 1. 2013